

Public Hearing: April 19, 2004

F A C T S H E E T

TITLE: Joint Funding Agreement for Bank Filtration Project with USGS

SPONSOR: Public Works/Utilities Water System

OTHER DEPARTMENTS AFFECTED:

OPPONENTS: Unknown

APPLICANT: Public Works/Utilities Water System

STAFF RECOMMENDATION: For

REASON FOR LEGISLATION: To provide the authority to amend Resolution #A-81832 to continue a three-year aquifer bank filtration research project of the Ashland Wellfield to provide for the collection and analysis of additional microbial and pharmaceutical samples.

D I S C U S S I O N

The collection of additional microbial and pharmaceutical samples is proposed. Microbial schedule samples will be collected from the Platte River and from a horizontal collector well monthly for an additional six months. These extra microbial samples were suggested in the original project proposal if deemed necessary. The objectives of collecting these additional microbial samples is to complete the data set to include two full years of data, which allows for more reliable analysis of trends. Additional pharmaceutical samples will also be collected four times between April 2004 and January 2005 from three vertical wells, a monitoring well on the east side of the Platte River, a horizontal well, and the Platte River. The objective of collecting the pharmaceutical samples is to determine if there is a specific, repeating source for the large number trace amounts of pharmaceuticals detected in the ground water in November 2002.

The total two-year request from the City of Lincoln is \$58,700. Total funds provided by the USGS during the same two-year period is \$33,000. It is the current policy of the USGS Nebraska District to match 40% of the cost of the project excluding analyses conducted by USGS labs.

The additional supplemental information for final determination of the effectiveness of Bank Filtration was deemed necessary by the State of Nebraska and EPA to complete the project.

POLICY OR PROGRAM CHANGE: No

COST OF TOTAL PROJECT: \$58,700

SOURCE OF FUNDS:

CITY: Water Revenue

NON CITY: USGS

BENEFIT COST: \$58,700

FACT SHEET PREPARED BY:

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REVIEWED BY:

Director of Public Works & Utilities